

2008 NMMSS Users Annual Training Meeting

The 2008 NMMSS Users Annual Training Meeting was held in San Antonio, Texas May 20-22, 2008. Approximately 120 attendees were at this year's meeting. A special thanks to all the speakers for interesting and informative presentations. The meeting provided opportunities for the NMMSS user community to share insights and experiences on nuclear material accounting issues. Topics of discussion included:

- ◆ The Nuclear Renaissance
- ◆ NMMSS Software Upgrade and Impacts on Data Submitters
- ◆ Demo of the Upgrade SAMS
- ◆ Communications with NMMSS
- ◆ DOE's Planned Policy Updates
- ◆ Discussions on Obligation Issues
- ◆ Status of Sealed Source Tracking for DOE and NRC
- ◆ Elimination of 80-Column Reporting

In addition to the NMMSS Users Meeting the following additional meetings and training opportunities were available: LANMAS Annual Users Group Training Meeting, Additional Protocol Reporting, NMMSS Orientation, and an abbreviated SAMS 5.1 and NRC NMMSS I training. Also, there were opportunities to meet one-on-one with both the DOE and NRC sponsors, as well as with NAC/NMMSS staff.

To learn more about the information provided at the meeting, please visit www.nmmss.com, where the presentations are available.

The results of the surveys indicated that the meeting was an overall success and one of the best ever.

RECOGNITION OF EXCELLENCE IN NMMSS REPORTING

One of the most popular events was the recognition of several facilities for excellence in reporting to the NMMSS during calendar year 2007. Selection criteria was based on a combination of their low transaction and inventory error rates, responsiveness to correcting and resolving problems, knowledge of reporting requirements, minimal time taken to reconcile, and facilities showing most improvement.

NRC facilities recognized:

- ◆ Energy Solutions
- ◆ Westinghouse Electric Corporation, Commercial Fuel Division
- ◆ Detroit Edison, Enrico Fermi Atomic Power Plant
- ◆ Constellation Energy
- ◆ Southern Nuclear Operating Company
- ◆ BWX Technologies, Nuclear Operations Division, Lynchburg
- ◆ Florida Power and Light Company



DOE facilities recognized:

- ◆ American Centrifuge Engineering and Manufacturing Project
- ◆ Argonne National Laboratory, Illinois Site
- ◆ Bechtel Bettis, Inc., Bettis Atomic Power Laboratory
- ◆ Bechtel Bettis, Inc., Naval Reactors Facility
- ◆ Brookhaven Science Associates, Brookhaven National Laboratory
- ◆ BWXT Pantex
- ◆ CH2MHILL Hanford Group
- ◆ Fluor Hanford
- ◆ Knolls Atomic Power Laboratory
- ◆ Oak Ridge Institute for Science and Education
- ◆ University of California, Lawrence Livermore National Laboratory
- ◆ Uranium Disposition Services, Paducah
- ◆ Uranium Disposition Services, Portsmouth
- ◆ UT-Battelle, Oak Ridge National Laboratory
- ◆ Washington Closure Hanford
- ◆ Washington Savannah River Company

The following individuals were also recognized for their years of involvement with the NMMSS and for their regular participation in numerous NMMSS Users Annual Training Meetings.

- ◆ Karen McCulloch, BWXT Y-12
- ◆ Frank Fresella, PSEG Nuclear
- ◆ Mark Laidlow, Dominion Nuclear Connecticut
- ◆ Rose Martyn, Global Nuclear Fuels – Americas
- ◆ Barry Cooney, Westinghouse
- ◆ Neil Passman, Standish Technologies

Congratulations to all of this year's award recipients!

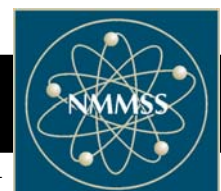
Nuclear Regulatory Commission's Final Rule is Published

On June 9, 2008 a final rule for the Nuclear Regulatory Commission was published in the Federal Register. This final rule is entitled "Regulatory Improvements to the Nuclear Materials Management and Safeguards System". NRC staff provided a briefing on the draft of this rule at the 2007 NMMSS Users and Training Meeting. One of the changes being made by this rule change is a requirement that **ANY NRC LICENSEE** who possesses a gram or more of plutonium or U-235 contained in enriched uranium to report their physical inventory to NMMSS each year, and to reconcile their inventory with the NMMSS database. Other changes include a requirement in NRC regulations requiring licensees to report inventory adjustments to NMMSS and reconcile inventories with the NMMSS database.

Following is the web link to the Federal Register http://frwebgate.access.gpo.gov/cgi-bin/getpage.cgi?position=all&page=32453&dbname=2008_register.

Reporting Lines 40 and 82 on a MBR

On a DOE/NRC 742 form, lines 40 and 82 are used for visual confirmation that the report is balance. Line 40's values must equal line 82's values before the MBR is considered balanced. The NMMSS community has asked question whether those records should be reported when reporting electronically. The NMMSS will accept those records if they are reported. There are current no edit checks that requires them to be reported. Therefore, continue to report those records if they have been reported in the past. If there is a need to continue to not report them, the NMMSS will continue to accept MBR without those lines.



Availability of D-2, D-3, & D-15 Version 3.3.2008

Version 3.3.2008 of the D-2 (Contractor Directory), D-3 (Licensee Directory), and D-15 (International Directory) is now available upon request. Contact Shirley Williams (678-328-1131 or swilliams@nacintl.com) today for the latest copy of the D-2, D-3, and D-15.

Current Obligation Codes

Transaction Code	MB Code	Description
31	85	Australia
32	86	Canada
33	87	Euratom*
34	88	Japan
35	89	Peoples' Republic of China
37	TBD	Switzerland
38	A1	Argentina
39	A2	Brazil
40	A3	Chile
81	94	Australia/Japan
82	95	Canada/Japan
83	96	Euratom/Japan
84	97	Australia/Euratom/Japan
85	98	Canada/Euratom/Japan
86	99	China/Japan
87	I1	Australia/Canada
88	I2	Australia/Euratom/Canada
91	91	Australia/Euratom
92	92	Canada/Euratom
WR	93	Former Soviet Union Weapons

* Euratom is comprised of the following 27 member states: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Hungary, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, and the United Kingdom.

Please contact Jessica Norles at 678-328-1130 or jnorles@nacintl.com if you have any questions about this list of foreign obligation codes. If you need to establish a new code, please inform the appropriate

contact. For NRC licensees, the contact is Santiago Aguilar, 301-492-3569 or Santiago.Aguilar@nrc.gov. For DOE contractors, the contact is Sonya Barnette, 301-903-2068 or SONYA.BARNETTE@hq.doe.gov.

Brian Horn's New Email Address

Please note that Brian Horn of the Nuclear Regulatory Commission has a new email address. His new email address is Brian.Horn@nrc.gov. His mailing address, phone number, and fax number remain unchanged at:

US Nuclear Regulatory Commission
Attention: Brian Horn
Mail Stop EBB-2-C-40M
Washington, DC 20555-0001
Voice: 301-492-3122
Fax: 301-492-3359

Item Level Obligation Tracking

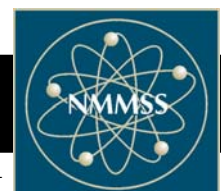
On January 1, 2009, columns (32-34) in data code 5 currently used by licensees for transferring detail obligation information in the 80-column format will no longer be available for use due to the expansion of the net weight information.

Brian Huxtable of Westinghouse Electric Company, TracWorks® has developed a proposal to move the detailed obligation information to columns 38-41 on data code 5.

The 80-column format will be used as follows:

- ◆ columns 38-39 will be used for the obligation code (not including WR obligation). The field description will be Obligation Code and begin in column 38 and end in column 39. The field type is Char(2) and the licensee will enter the appropriate Obligation Code or '00' for unobligated material
- ◆ columns 40-41 will be used for the WR indicator. The field description will be WR Indicator and begin in column 40 and end in column 41. The field type is Char(2) and the licensee will enter 'WR' for WR obligated material.

For the XML format, Mr. Huxtable has also proposed the creation of a new tag called <DETAILOBLIGATION> as a child tag of



<ELEMENT> in the Detail Information section (TRANSACTION->SHIPMENT->MATERIAL->ELEMENT). The tag is at the same level as the <ISOTOPE> tag. The tag will have the following attributes (similar to the proposed change to the 80-column format):

- ◆ 'OBLIGATIONCODE' for the obligation code (not including WR obligation). The field description will be Obligation Code and type Char(2). The field is an essential field. The licensee would enter the appropriate obligation code or would enter '00' for unobligated material
- ◆ 'WR' for the WR indicator. The field description will be WR Indicator and type Char(2). It is an essential field. The licensee would enter 'WR' for WR obligated material, otherwise enter 'NO'.

Representatives of both TracWorks® and SNMtrac™ support this proposal and would like industry to respond to either Mr. Brian Huxtable of TracWorks® or Mr. Neil Passman of SNMtrac™ with their views. Mr. Huxtable can be reached at 412-374-5477 or huxtabba@westinghouse.com. Mr. Passman can be reached at 412-782-4350, extension 211, or neilp@standtech.com.

NMMSS Outreach

Outreach to our users who submit data to the NMMSS is one of our most important responsibilities. Although the NMMSS presents an annual users training meeting, individualized assistance is also available from the DOE NMMSS sponsor and NMMSS staff. By working with our user sites in their own environment, our dedicated team can discuss issues, share knowledge and experiences, and help resolve data problems. To request assistance from DOE Headquarters, please contact Peter Dessaulles at pete.dessaules@hq.doe.gov or 301-903-4525. If you would like assistance from the NMMSS staff, please contact Tina Barnett at tbarnett@nacintl.com or 678-328-1126.

The NMMSS News is published at the direction of the Department of Energy (DOE) and Nuclear Regulatory Commission (NRC). General comments on the publication can be made to Tina Barnett of NAC (tbarnett@nacintl.com, 678-328-1126), Peter Dessaulles of DOE (Pete.Dessaules@hq.doe.gov, 301-903-4525), or Brian Horn of NRC (Brian.Horn@nrc.gov, 301-492-3122).

Suggested Articles

Do you have NMMSS-related questions or topics that you would like to see addressed in a future NMMSS News? If so, please forward them to Tina Barnett at tbarnett@nacintl.com or 678-328-1126.

Transaction and Inventory Due Dates For DOE Sites

Please note NMMSS transaction and inventory due dates for DOE sites are as follows.

Reporting Month	Transactions Due	Inventory Due
June 2008	July 11	July 15
July 2008	August 12	August 15
August 2008	September 11	September 15
September 2008	October 10	October 15
October 2008	November 12	November 17
November 2008	December 10	December 15

Calendar of Events

Dates	Events
January 1, 2009	All Sites Follow NMMSS Upgrade Reporting Requirements
May 19-21, 2009	NMMSS Users Training Meeting, Location TBD

2008 NMMSS Holiday Schedule

NMMSS Closed	Occasion
September 1	Labor Day
October 13	Columbus Day
November 27-28	Thanksgiving
December 25-26	Christmas

